



wwPDB NMR Structure Validation Summary Report ⓘ

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PDB ID : 2M49
BMRB ID : 18995
Title : Structural Insights into Human S100B and Basic Fibroblast Growth Factor (FGF2) Interaction
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<https://www.wwpdb.org/validation/2017/NMRValidationReportHelp>

with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

MolProbity : 4.02b-467
Percentile statistics : 20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI : v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV : Wang et al. (2010)
wwPDB-ShiftChecker : v1.2
BMRB Restraints Analysis : v1.2
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.33

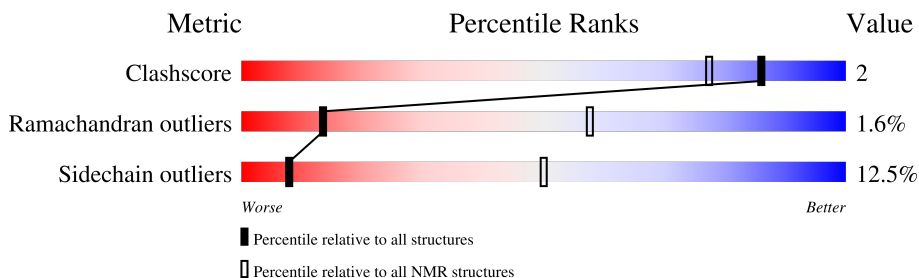
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

SOLUTION NMR

The overall completeness of chemical shifts assignment is 7%.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	NMR archive (#Entries)
Clashscore	158937	12864
Ramachandran outliers	154571	11451
Sidechain outliers	154315	11428

The table below summarises the geometric issues observed across the polymeric chains and their fit to the experimental data. The red, orange, yellow and green segments indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria. A cyan segment indicates the fraction of residues that are not part of the well-defined cores, and a grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$

Mol	Chain	Length	Quality of chain
1	A	126	
1	C	126	
2	B	91	
2	D	91	

2 Ensemble composition and analysis

This entry contains 10 models. Model 1 is the overall representative, medoid model (most similar to other models).

The following residues are included in the computation of the global validation metrics.

Well-defined (core) protein residues			
Well-defined core	Residue range (total)	Backbone RMSD (Å)	Medoid model
1	A:20-A:144, B:1-B:91, D:92-D:182, C:19-C:144 (433)	0.89	1

Ill-defined regions of proteins are excluded from the global statistics.

Ligands and non-protein polymers are included in the analysis.

The models can be grouped into 2 clusters. No single-model clusters were found.

Cluster number	Models
1	1, 2, 5, 6, 7, 9
2	3, 4, 8, 10

3 Entry composition

There are 2 unique types of molecules in this entry. The entry contains 6976 atoms, of which 3464 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Fibroblast growth factor 2.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
1	A	126	2042	642	1027	185	184	4	0
1	C	126	2042	642	1027	185	184	4	0

There are 4 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	69	SER	CYS	engineered mutation	UNP P09038
A	87	SER	CYS	engineered mutation	UNP P09038
C	69	SER	CYS	engineered mutation	UNP P09038
C	87	SER	CYS	engineered mutation	UNP P09038

- Molecule 2 is a protein called Protein S100-B.

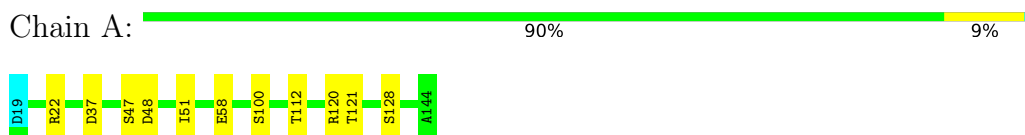
Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
2	B	91	1446	465	705	118	152	6	0
2	D	91	1446	465	705	118	152	6	0

4 Residue-property plots

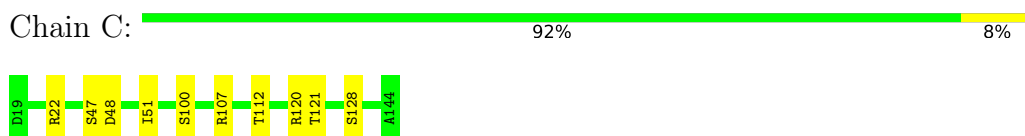
4.1 Average score per residue in the NMR ensemble

These plots are provided for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic is the same as shown in the summary in section 1 of this report. The second graphic shows the sequence where residues are colour-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. Stretches of 2 or more consecutive residues without any outliers are shown as green connectors. Residues which are classified as ill-defined in the NMR ensemble, are shown in cyan with an underline colour-coded according to the previous scheme. Residues which were present in the experimental sample, but not modelled in the final structure are shown in grey.

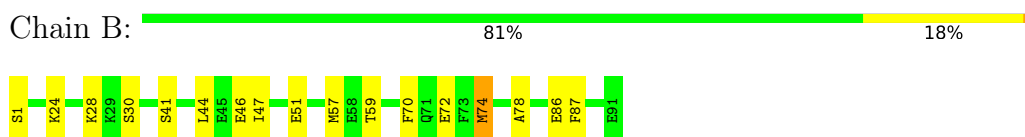
- Molecule 1: Fibroblast growth factor 2



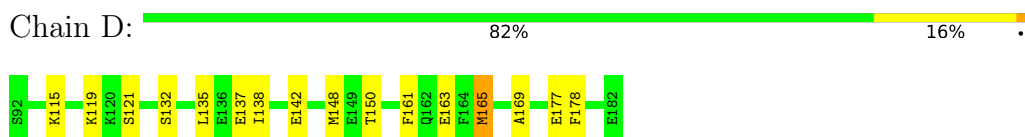
- Molecule 1: Fibroblast growth factor 2



- Molecule 2: Protein S100-B




- Molecule 2: Protein S100-B

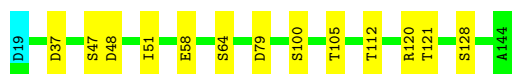


4.2 Residue scores for the representative (medoid) model from the NMR ensemble


The representative model is number 1. Colouring as in section 4.1 above.

- Molecule 1: Fibroblast growth factor 2

Chain A:  89% 10%




• Molecule 1: Fibroblast growth factor 2

Chain C:  88% 11%




• Molecule 2: Protein S100-B

Chain B:  78% 20%



• Molecule 2: Protein S100-B

Chain D:  78% 18%



5 Refinement protocol and experimental data overview

The models were refined using the following method: *simulated annealing*.

Of the 200 calculated structures, 10 were deposited, based on the following criterion: *structures with the lowest energy*.

The following table shows the software used for structure solution, optimisation and refinement.

Software name	Classification	Version
HADDOCK	structure solution	
HADDOCK	refinement	

The following table shows chemical shift validation statistics as aggregates over all chemical shift files. Detailed validation can be found in section 7 of this report.

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	417
Number of shifts mapped to atoms	417
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	7%

6 Model quality [i](#)

6.1 Standard geometry [i](#)

There are no covalent bond-length or bond-angle outliers.

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts [i](#)

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in each chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes averaged over the ensemble.

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	1007	1021	1019	4±2
1	C	1015	1027	1022	3±1
2	B	741	705	700	7±1
2	D	741	705	697	6±1
All	All	35040	34580	34380	149

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 2.

5 of 68 unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
2:B:78:ALA:HB2	2:D:165:MET:HB2	0.65	1.68	4	9
2:B:74:MET:HB2	2:D:169:ALA:HB2	0.64	1.68	5	8
2:D:110:GLY:HA2	2:D:114:ASP:O	0.55	2.02	9	5
1:A:48:ASP:O	1:A:51:ILE:HG12	0.54	2.02	3	10
1:C:48:ASP:O	1:C:51:ILE:HG12	0.54	2.03	8	9

6.3 Torsion angles [i](#)

6.3.1 Protein backbone [i](#)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the backbone conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles
1	A	124/126 (98%)	118±2 (95±1%)	5±2 (4±1%)	1±1 (0±1%)	32 76
1	C	124/126 (98%)	118±2 (95±1%)	5±2 (4±1%)	0±0 (0±0%)	38 78
2	B	89/91 (98%)	75±2 (84±3%)	11±3 (12±3%)	3±1 (3±1%)	6 36
2	D	89/91 (98%)	76±2 (85±2%)	11±2 (12±2%)	3±1 (3±1%)	7 41
All	All	4260/4340 (98%)	3872 (91%)	321 (8%)	67 (2%)	13 57

5 of 21 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
2	B	47	ILE	10
2	D	138	ILE	10
2	B	24	LYS	4
2	D	115	LYS	4
2	B	65	ASP	4

6.3.2 Protein sidechains [i](#)

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the sidechain conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	A	107/108 (99%)	96±2 (90±2%)	11±2 (10±2%)	11 56
1	C	108/108 (100%)	98±1 (90±1%)	10±1 (10±1%)	12 57
2	B	82/82 (100%)	70±2 (85±2%)	12±2 (15±2%)	6 44
2	D	82/82 (100%)	68±2 (83±2%)	14±2 (17±2%)	5 41
All	All	3790/3800 (100%)	3318 (88%)	472 (12%)	8 50

5 of 121 unique residues with a non-rotameric sidechain are listed below. They are sorted by the

frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	128	SER	10
2	B	72	GLU	10
2	B	87	PHE	10
2	D	163	GLU	10
2	D	178	PHE	10

6.3.3 RNA [i](#)

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains [i](#)

There are no non-standard protein/DNA/RNA residues in this entry.

6.5 Carbohydrates [i](#)

There are no monosaccharides in this entry.

6.6 Ligand geometry [i](#)

There are no ligands in this entry.

6.7 Other polymers [i](#)

There are no such molecules in this entry.

6.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

7 Chemical shift validation i

The completeness of assignment taking into account all chemical shift lists is 7% for the well-defined parts and 7% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_1*

7.1.1 Bookkeeping i

The following table shows the results of parsing the chemical shift list and reports the number of nuclei with statistically unusual chemical shifts.

Total number of shifts	417
Number of shifts mapped to atoms	417
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.1.2 Chemical shift referencing i

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction \pm precision, ppm	Suggested action
$^{13}\text{C}_\alpha$	86	-0.56 ± 0.12	Should be checked
$^{13}\text{C}_\beta$	74	0.11 ± 0.13	None needed (< 0.5 ppm)
$^{13}\text{C}'$	82	-0.16 ± 0.08	None needed (< 0.5 ppm)
^{15}N	83	-0.37 ± 0.33	None needed (< 0.5 ppm)

7.1.3 Completeness of resonance assignments i

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 7%, i.e. 417 atoms were assigned a chemical shift out of a possible 6007. 0 out of 68 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^1H	^{13}C	^{15}N
Backbone	334/2175 (15%)	83/886 (9%)	168/866 (19%)	83/423 (20%)
Sidechain	83/3292 (3%)	0/2116 (0%)	83/1034 (8%)	0/142 (0%)

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	Total	¹ H	¹³ C	¹⁵ N
Aromatic	0/540 (0%)	0/262 (0%)	0/248 (0%)	0/30 (0%)
Overall	417/6007 (7%)	83/3264 (3%)	251/2148 (12%)	83/595 (14%)

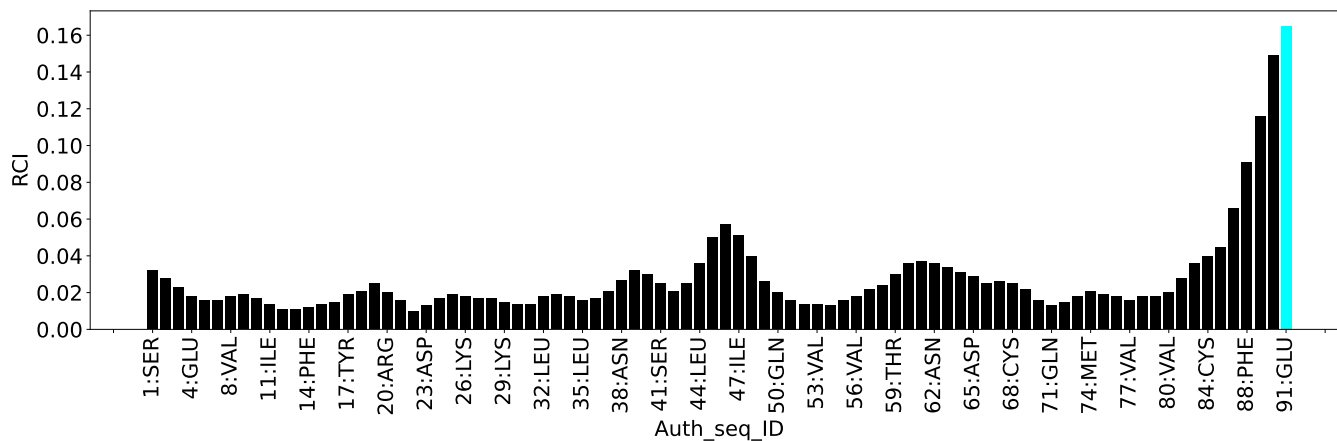
7.1.4 Statistically unusual chemical shifts [i](#)

There are no statistically unusual chemical shifts.

7.1.5 Random Coil Index (RCI) plots [i](#)

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble composition. If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain B:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

The following table provides the summary of experimentally observed NMR restraints in different categories. Restraints are classified into different categories based on the sequence separation of the atoms involved.

Description	Value
Total distance restraints	45
Intra-residue ($ i-j =0$)	0
Sequential ($ i-j =1$)	0
Medium range ($ i-j >1$ and $ i-j <5$)	0
Long range ($ i-j \geq 5$)	0
Inter-chain	45
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.1
Number of long range restraints per residue ¹	0.0

¹Long range hydrogen bonds and disulfide bonds are counted as long range restraints while calculating the number of long range restraints per residue

8.2 Residual restraint violations

This section provides the overview of the restraint violations analysis. The violations are binned as small, medium and large violations based on its absolute value. Average number of violations per model is calculated by dividing the total number of violations in each bin by the size of the ensemble.

8.2.1 Average number of distance violations per model

Distance violations less than 0.1 Å are not included in the calculation.

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	0.5	0.19
0.2-0.5 (Medium)	1.5	0.47
>0.5 (Large)	14.6	2.72

8.2.2 Average number of dihedral-angle violations per model

Dihedral-angle violations less than 1° are not included in the calculation. There are no dihedral-angle violations

9 Distance violation analysis [i](#)

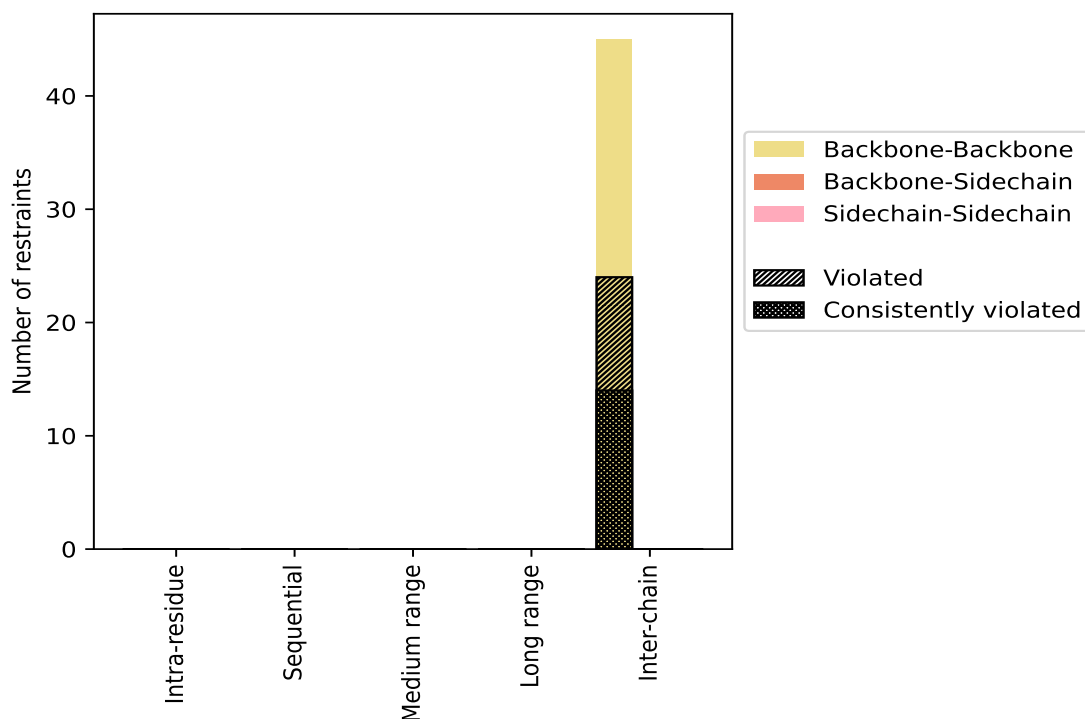
9.1 Summary of distance violations [i](#)

The following table shows the summary of distance violations in different restraint categories based on the sequence separation of the atoms involved. Each category is further sub-divided into three sub-categories based on the atoms involved. Violations less than 0.1 Å are not included in the statistics.

Restrains type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
Intra-residue (i-j =0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (i-j =1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (i-j >1 & i-j <5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (i-j ≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	45	100.0	24	53.3	53.3	14	31.1	31.1
Backbone-Backbone	45	100.0	24	53.3	53.3	14	31.1	31.1
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	45	100.0	24	53.3	53.3	14	31.1	31.1
Backbone-Backbone	45	100.0	24	53.3	53.3	14	31.1	31.1
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

¹ percentage calculated with respect to the total number of distance restraints, ² percentage calculated with respect to the number of restraints in a particular restraint category, ³ violated in at least one model, ⁴ violated in all the models

9.1.1 Bar chart : Distribution of distance restraints and violations [i](#)



Violated and consistently violated restraints are shown using different hatch patterns in their respective categories. The hydrogen bonds and disulfid bonds are counted in their appropriate category on the x-axis

9.2 Distance violation statistics for each model [i](#)

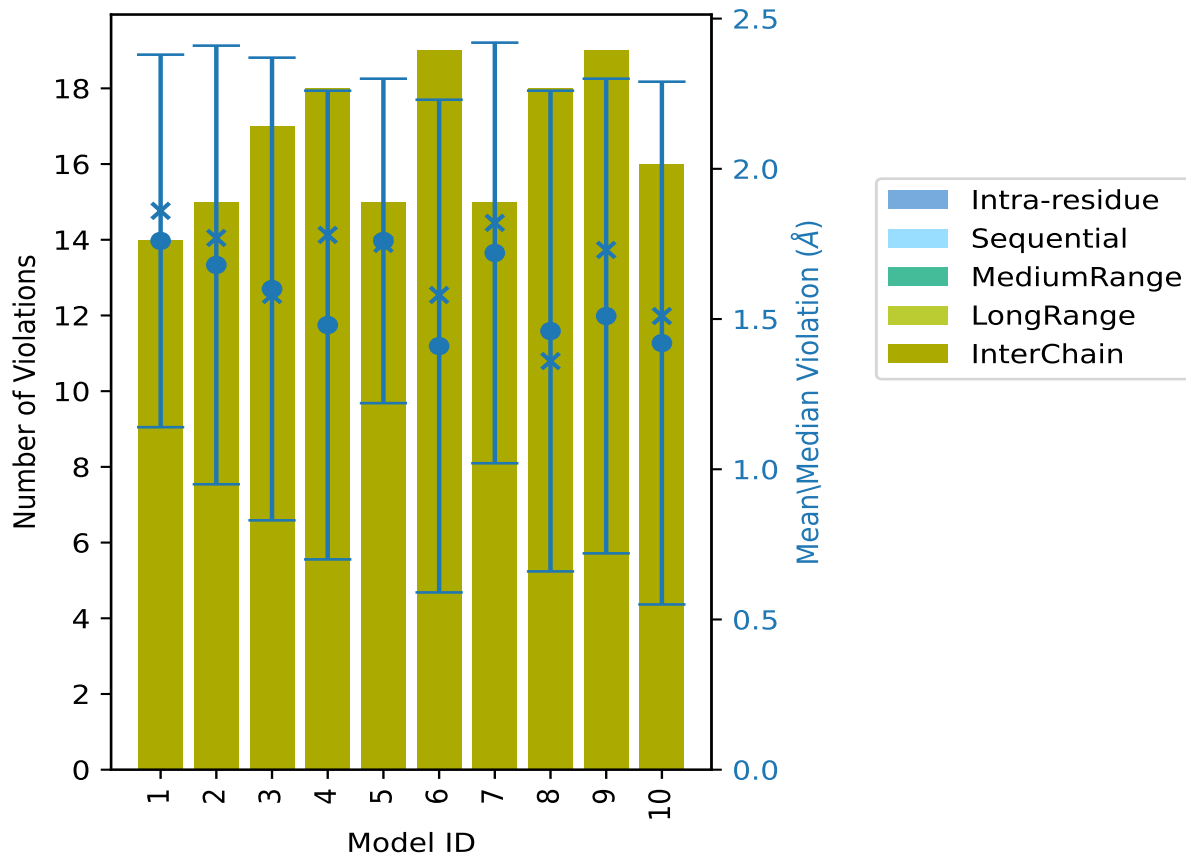
The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
1	0	0	0	0	14	14	1.76	2.61	0.62	1.86
2	0	0	0	0	15	15	1.68	2.63	0.73	1.77
3	0	0	0	0	17	17	1.6	2.72	0.77	1.58
4	0	0	0	0	18	18	1.48	2.64	0.78	1.78
5	0	0	0	0	15	15	1.76	2.64	0.54	1.75
6	0	0	0	0	19	19	1.41	2.66	0.82	1.58
7	0	0	0	0	15	15	1.72	2.7	0.7	1.82
8	0	0	0	0	18	18	1.46	2.7	0.8	1.36
9	0	0	0	0	19	19	1.51	2.67	0.79	1.73
10	0	0	0	0	16	16	1.42	2.65	0.87	1.51

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints,

⁵Inter-chain restraints, ⁶Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model [i](#)



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

9.3 Distance violation statistics for the ensemble [i](#)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 21(IR:0, SQ:0, MR:0, LR:0, IC:21) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
0	0	0	0	4	4	1	10.0
0	0	0	0	3	3	2	20.0
0	0	0	0	1	1	3	30.0
0	0	0	0	0	0	4	40.0

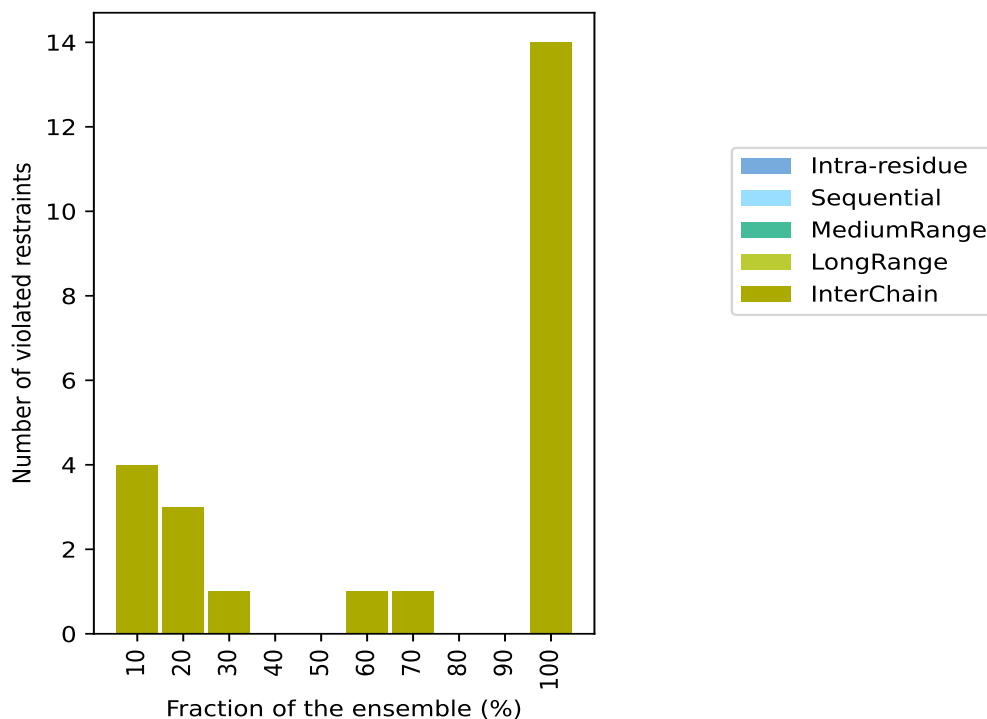
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Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
0	0	0	0	0	0	5	50.0
0	0	0	0	1	1	6	60.0
0	0	0	0	1	1	7	70.0
0	0	0	0	0	0	8	80.0
0	0	0	0	0	0	9	90.0
0	0	0	0	14	14	10	100.0

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints, ⁵Inter-chain restraints, ⁶ Number of models with violations

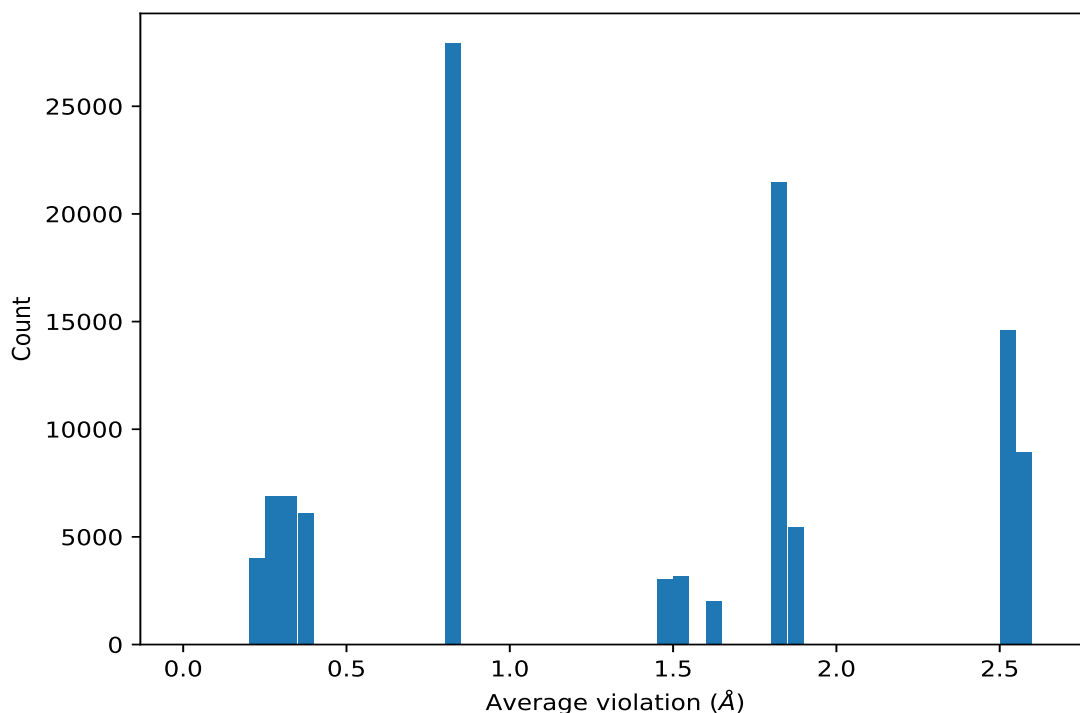
9.3.1 Bar graph : Distance violation statistics for the ensemble [i](#)



9.4 Most violated distance restraints in the ensemble [i](#)

9.4.1 Histogram : Distribution of mean distance violations [i](#)

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models in the ensemble



9.4.2 Table: Most violated distance restraints [i](#)

The following table provides the mean and the standard deviation of the violations for the 10 worst performing restraints, sorted by number of violated models and the mean violation value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH11	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:C	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:N	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:N	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD22	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:133:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:CG	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:C	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:C	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD22	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:ND2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:H	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:133:GLY:H	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CA	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:24:TYR:O	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:ND2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:C	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:133:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:CB	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH11	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:C	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:N	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:N	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD22	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:133:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:CG	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:H	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:H	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD22	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:ND2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:H	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:133:GLY:H	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HA	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:O	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:ND2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:C	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB2	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH11	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:C	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:N	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:N	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD22	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CG	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HB3	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HB3	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD22	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:ND2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:H	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:133:GLY:H	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:HG	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:24:TYR:O	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:ND2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:C	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:133:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:N	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH11	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:C	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:N	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:N	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD22	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:133:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:CA	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:CG	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:O	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:O	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:22:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:24:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:25:CYS:SG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:26:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:27:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:28:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:28:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:28:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:28:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:28:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD22	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:98:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:100:SER:OG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:ND2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:101:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:101:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:102:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:103:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:H	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:ND2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:104:ASN:OD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:115:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD3	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:120:ARG:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:124:TYR:OH	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB2	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:125:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:126:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:127:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:127:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:127:GLY:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:127:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:127:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:133:GLY:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:133:GLY:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:133:GLY:H	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:133:GLY:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:133:GLY:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CD	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:NZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:135:LYS:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE1	10	2.58	0.13	2.64

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HZ	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:139:PHE:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD11	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD12	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD13	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD21	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD22	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD23	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:140:LEU:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:C	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:CA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:CB	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:CE	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:CG	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:H	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:HA	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE1	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG2	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG3	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:N	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:O	10	2.58	0.13	2.64
(1,33)	2:D:132:SER:OG	1:C:142:MET:SD	10	2.58	0.13	2.64
(1,11)	2:B:41:SER:C	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:24:TYR:O	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:HG2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:ND2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:CD2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:C	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:133:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:C	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH11	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:C	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:N	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HB2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:N	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD22	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:133:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:CG	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CA	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CA	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HG3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD22	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:ND2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:H	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HD3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HB2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:133:GLY:H	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:CB	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:24:TYR:O	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:HG2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:ND2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:CD2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:C	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:133:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:H	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH11	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:C	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:N	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HB2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:N	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD22	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:133:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:CG	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HA	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HA	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HG3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD22	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:ND2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:H	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HD3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HB2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:H	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB2	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:O	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HG2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:ND2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CD2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:C	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HB3	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH11	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:C	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:N	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HB2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:N	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD22	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:133:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:CG	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:HG	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:HG	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:CE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HG3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD22	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:ND2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:H	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HD3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HB2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:133:GLY:H	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:HE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:N	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:N	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:24:TYR:O	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:HG2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:ND2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:CD2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:C	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:133:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HB3	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:O	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH11	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:22:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:24:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:25:CYS:SG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:26:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:27:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:28:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:28:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:28:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:28:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:28:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:28:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:28:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:C	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:98:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:OE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:99:GLU:OE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:N	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:100:SER:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:100:SER:OG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:101:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:102:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HB2	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:103:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:ND2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:104:ASN:OD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:N	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:115:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:115:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NH1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NH2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:120:ARG:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HE1	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:124:TYR:OH	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:125:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD22	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:126:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:127:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:127:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:127:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:127:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:127:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:127:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:127:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:133:GLY:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:133:GLY:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:133:GLY:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:133:GLY:HA2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:133:GLY:HA3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:133:GLY:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:133:GLY:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CD	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HD3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:NZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:135:LYS:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CA	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HZ	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:139:PHE:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CD1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CD2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD11	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD12	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD13	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD21	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD22	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD23	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HG	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:140:LEU:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:C	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:CA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:CB	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:CE	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:CG	10	2.58	0.07	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	2:B:41:SER:OG	1:A:142:MET:H	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:HA	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:HB2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:HB3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE1	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:HG2	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:HG3	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:N	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:O	10	2.58	0.07	2.58
(1,11)	2:B:41:SER:OG	1:A:142:MET:SD	10	2.58	0.07	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HG3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HD3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:133:GLY:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:C	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:O	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HG2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CD2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CA	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HH11	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:CG	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CB	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CB	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HG3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HD3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:O	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HG2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CD2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HH11	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:CG	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:CG	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:CG	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HG3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HD3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:133:GLY:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:H	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:O	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HG2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CD2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HA	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HH11	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:CG	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HG3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HD3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:O	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HG2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CD2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HH11	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:CG	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HG3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HD3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:O	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HG2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CD2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HH11	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:CG	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:N	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:N	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HG3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HD3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:H	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:O	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HG2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:ND2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CD2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HB3	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HH11	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:22:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:24:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:25:CYS:SG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:26:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:27:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:28:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:28:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:28:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:28:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:28:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:28:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:28:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:C	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:98:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:OE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:99:GLU:OE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:100:SER:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:100:SER:OG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:101:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:102:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HB2	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:103:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:ND2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:104:ASN:OD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:N	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:115:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:115:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HH11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HH12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HH21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HH22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:NE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:NH1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:NH2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:120:ARG:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HE1	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:124:TYR:OH	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:125:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD22	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:126:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:127:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:127:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:127:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:127:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:127:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:127:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:127:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:133:GLY:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:133:GLY:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:133:GLY:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:133:GLY:HA2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:133:GLY:HA3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:133:GLY:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:133:GLY:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CD	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HD3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HZ1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HZ2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HZ3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:NZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:135:LYS:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CA	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HZ	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:139:PHE:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CD1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CD2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD11	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD12	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD13	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD21	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD22	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD23	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HG	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:140:LEU:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:C	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:CA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:CB	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:CE	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:CG	10	2.54	0.11	2.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	2:B:42:HIS:O	1:A:142:MET:H	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:HA	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:HB2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:HB3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:HE1	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:HE2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:HE3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:HG2	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:HG3	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:N	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:O	10	2.54	0.11	2.58
(1,12)	2:B:42:HIS:O	1:A:142:MET:SD	10	2.54	0.11	2.58
(1,34)	2:D:133:HIS:C	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HG3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HD3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:133:GLY:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:C	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:O	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HG2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CD2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CA	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH11	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CG	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CB	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CB	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HG3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HD3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:O	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HG2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CD2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH11	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CG	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:CG	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:CG	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HG3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HD3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:133:GLY:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:H	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:O	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HG2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CD2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HA	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH11	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CG	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HG3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HD3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:O	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HG2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CD2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH11	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CG	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HG3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HD3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:O	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HG2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CD2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH11	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:CG	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:N	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:N	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HG3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HD3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:H	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:O	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HG2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:ND2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CD2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HB3	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH11	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:22:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:24:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:25:CYS:SG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:26:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:27:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:28:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:28:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:28:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:28:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:28:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:28:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:28:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:C	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:98:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:OE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:99:GLU:OE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:100:SER:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:100:SER:OG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:101:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:102:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HB2	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:103:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:ND2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:104:ASN:OD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:N	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:115:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:115:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NH1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NH2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:120:ARG:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HE1	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:124:TYR:OH	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:125:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD22	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:126:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:127:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:127:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:127:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:127:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:127:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:127:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:127:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:133:GLY:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:133:GLY:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:133:GLY:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:133:GLY:HA2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:133:GLY:HA3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:133:GLY:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:133:GLY:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CD	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HD3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:NZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:135:LYS:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CA	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HZ	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:139:PHE:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CD1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CD2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD11	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD12	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD13	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD21	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD22	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD23	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HG	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:140:LEU:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:C	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:CA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:CB	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:CE	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:CG	10	2.53	0.14	2.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	2:D:133:HIS:O	1:C:142:MET:H	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:HA	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:HB2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:HB3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE1	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:HG2	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:HG3	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:N	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:O	10	2.53	0.14	2.55
(1,34)	2:D:133:HIS:O	1:C:142:MET:SD	10	2.53	0.14	2.55
(1,26)	1:C:98:LEU:C	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:C	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:C	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:C	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:145:ASP:OD1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:C	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:C	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:179:PHE:O	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:C	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:HB3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:C	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:C	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:CE2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:OE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CA	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:HA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:CE	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:CD1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CA	2:D:182:GLU:OE2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CB	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:HB3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:CG1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:HG3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HD2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CB	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD1	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HD12	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:CA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HZ1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:HE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:CB	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD1	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:CG	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:HG23	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:CA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CD2	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:HG3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:CD	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:OE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CG	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:CG	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:CG	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:HE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:H	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:CA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:H	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:HG2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:H	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:H	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:CB	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:H	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:HD1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:H	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:CB	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:H	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:H	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:OD1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HA	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:179:PHE:O	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:HB3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HA	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:CE2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:OE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB2	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:HA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:CE	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:CD1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB2	2:D:182:GLU:OE2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:HB3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:CG1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:HG3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HD2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HB3	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD11	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HD12	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:CA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HZ1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:HE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:CB	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD11	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:CG	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:HG23	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:CA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD12	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:HG3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:CD	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:OE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD13	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:CG	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD13	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:HE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:CA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:HG2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:CB	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:HD1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:CB	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD21	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:OD1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD22	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:179:PHE:O	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:HB3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD22	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:CE2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:OE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD23	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:HA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:CE	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:CD1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HD23	2:D:182:GLU:OE2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HG	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:HB3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:CG1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:HG3	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HD2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:H	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:HG	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:N	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:134:PHE:N	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:N	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HD12	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:HG23	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:CA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:N	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HZ1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:HE1	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:N	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:CB	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:N	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:N	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:132:SER:OG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:O	2:D:133:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:133:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:134:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:CG	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:O	2:D:136:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:136:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:137:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:CG1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:CG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HD11	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HD12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HD13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HG12	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HG13	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HG21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HG22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:HG23	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:O	2:D:138:ILE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:138:ILE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:140:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:HE21	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:HE22	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:141:GLN:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:O	2:D:142:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:142:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:OD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:145:ASP:OD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:CE	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HD3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HE3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HZ1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HZ2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:HZ3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:NZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:146:LYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:C	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:O	2:D:174:ALA:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:HB1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:174:ALA:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:HG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:175:CYS:SG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:178:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:CA	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:O	2:D:179:PHE:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:CD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:CE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:CZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:HZ	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:179:PHE:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:180:GLU:OE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:CD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:CE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:HB2	10	1.86	0.13	1.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	1:C:98:LEU:O	2:D:181:HIS:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:HD1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:HD2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:HE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:HE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:ND1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:NE2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:181:HIS:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:C	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:CA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:CB	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:CD	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:CG	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:H	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:HA	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:HB2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:HB3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:HG2	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:HG3	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:N	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:O	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:OE1	10	1.86	0.13	1.9
(1,26)	1:C:98:LEU:O	2:D:182:GLU:OE2	10	1.86	0.13	1.9
(1,13)	2:B:43:PHE:C	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HH21	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:100:SER:OG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:HD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:115:TYR:OH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:HH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:HA	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:C	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:C	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:CG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HZ2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:101:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:HB2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HG2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HD2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:133:GLY:HA3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:HZ	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CA	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:C	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:HD22	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:N	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:102:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:CE2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HD3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HD12	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CB	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HH21	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:100:SER:OG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:HD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:115:TYR:OH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:HH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:HA	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD1	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:CG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HZ2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:101:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:HB2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HG2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HD2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:133:GLY:HA3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:HZ	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CD2	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:C	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:HD22	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:N	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:102:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:CE2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HD3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HD12	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE1	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HH21	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:100:SER:OG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:HD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:115:TYR:OH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:HH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:HA	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CE2	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:CG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HZ2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:101:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:HB2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HG2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HD2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:133:GLY:HA3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:HZ	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CG	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:C	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:HD22	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:N	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:102:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:CE2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HD3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HD12	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:CZ	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HH21	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:100:SER:OG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:HD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:115:TYR:OH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:HH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:HA	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:H	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:H	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:CG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HZ2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:101:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:HB2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HG2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HD2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:133:GLY:HA3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:HZ	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HA	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:C	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:HD22	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:N	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:102:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:CE2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HD3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HD12	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB2	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HH21	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:100:SER:OG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:HD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:115:TYR:OH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:HH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:HA	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HB3	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:CG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HZ2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:101:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:HB2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HG2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HD2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:133:GLY:HA3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:HZ	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD1	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:C	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:HD22	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:N	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:102:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:CE2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HD3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HD12	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HD2	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HH21	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:100:SER:OG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:HD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:115:TYR:OH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:HH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:HA	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE1	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:CG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HZ2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:101:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:HB2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HG2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HD2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:133:GLY:HA3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:HZ	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HE2	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:C	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:HD22	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:N	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:102:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:CE2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HD3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HD12	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:HZ	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HH21	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:CD	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:CB	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:100:SER:OG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:101:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:HD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:115:TYR:OH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:HH	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:133:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:CD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:HZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:HA	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:N	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:N	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:22:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:CG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:24:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:24:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:25:CYS:SG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HZ2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:26:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:26:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:27:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:28:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:28:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:28:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:28:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:28:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:28:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:28:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:HG	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:98:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:98:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:OE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:99:GLU:OE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:100:SER:OG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:101:ASN:OD1	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:102:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:102:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:103:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:HB2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:104:ASN:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:ND2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:104:ASN:OD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:115:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HG2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HH11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HH12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HH21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:HH22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:NE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:NH1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:NH2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:120:ARG:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:HH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:124:TYR:OH	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HD2	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:125:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:126:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:127:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:127:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:127:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:127:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:127:GLY:HA3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:127:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:127:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:133:GLY:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:133:GLY:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:133:GLY:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:133:GLY:HA2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:133:GLY:HA3	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:133:GLY:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:133:GLY:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:CD	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HD3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HZ1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HZ2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:HZ3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:NZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:135:LYS:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:CE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:CE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:CZ	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:HD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:HD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:HZ	10	1.84	0.09	1.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,13)	2:B:43:PHE:O	1:A:139:PHE:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:139:PHE:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:CD1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:CD2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HD11	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HD12	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HD13	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HD21	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HD22	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HD23	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:HG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:140:LEU:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:C	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:CA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:CB	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:CE	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:CG	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:H	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:HA	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:HB2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:HB3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:HE1	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:HE2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:HE3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:HG2	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:HG3	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:N	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:O	10	1.84	0.09	1.86
(1,13)	2:B:43:PHE:O	1:A:142:MET:SD	10	1.84	0.09	1.86
(1,35)	2:D:134:PHE:C	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:C	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:HD22	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:N	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:102:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:CE2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HD3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HD12	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:C	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HH21	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:100:SER:OG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:HD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:115:TYR:OH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:HH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:HA	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CA	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CA	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:CG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HZ2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:101:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:HB2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HG2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HD2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:133:GLY:HA3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:HZ	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CB	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:C	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:HD22	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:N	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:102:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:CE2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HD3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HD12	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD1	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HH21	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:100:SER:OG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:HD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:115:TYR:OH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:HH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:HA	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CD2	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:CG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HZ2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:101:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:HB2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HG2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HD2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:133:GLY:HA3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:HZ	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE1	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:C	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:HD22	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:N	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:102:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:CE2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HD3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HD12	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CE2	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HH21	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:100:SER:OG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:HD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:115:TYR:OH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:HH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:HA	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CG	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CG	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:CG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HZ2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:101:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:HB2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HG2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HD2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:133:GLY:HA3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:HZ	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:CZ	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:C	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:HD22	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:N	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:102:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:CE2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HD3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HD12	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:H	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HH21	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:100:SER:OG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:HD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:115:TYR:OH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:HH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:HA	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HA	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HA	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:CG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HZ2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:101:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:HB2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HG2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HD2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:133:GLY:HA3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:HZ	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB2	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:C	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:HD22	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:N	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:102:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:CE2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HD3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HD12	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HB3	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HH21	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:100:SER:OG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:HD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:115:TYR:OH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:HH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:HA	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD1	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:CG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HZ2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:101:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:HB2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HG2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HD2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:133:GLY:HA3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:HZ	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HD2	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:C	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:HD22	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:N	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:102:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:CE2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HD3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HD12	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE1	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HH21	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:100:SER:OG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:HD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:115:TYR:OH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:HH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:HA	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HE2	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:CG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HZ2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:101:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:HB2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HG2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HD2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:133:GLY:HA3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:HZ	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:HZ	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:C	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:HD22	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:N	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:100:SER:OG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:102:ASN:OD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:CE2	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:115:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HD3	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HD12	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:N	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HH21	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:22:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:22:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:24:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:25:CYS:SG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:CD	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:26:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:26:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:27:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:28:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:28:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:28:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:28:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:28:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:28:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:28:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:CB	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:98:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:98:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:OE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:99:GLU:OE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:100:SER:OG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:101:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:101:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:102:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:HD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:103:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:103:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:ND2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:104:ASN:OD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:HH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:115:TYR:OH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:120:ARG:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HH11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HH12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HH21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:HH22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:NE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:NH1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:NH2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:120:ARG:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:HH	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:124:TYR:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:124:TYR:OH	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:125:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:HG	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:126:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:126:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:127:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:127:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:127:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:127:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:127:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:127:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:127:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:133:GLY:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:133:GLY:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:133:GLY:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:133:GLY:HA2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:133:GLY:HA3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:133:GLY:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:133:GLY:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:CD	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HD3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HZ1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HZ2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:HZ3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:NZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:135:LYS:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:CD1	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:139:PHE:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:CE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:CE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:CZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:HD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:HD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:HZ	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:139:PHE:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:CD1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:CD2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HD11	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HD12	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HD13	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HD21	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HD22	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HD23	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:HG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:140:LEU:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:C	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:CA	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:CB	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:CE	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:CG	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:H	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:HA	10	1.84	0.08	1.83

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,35)	2:D:134:PHE:O	1:C:142:MET:HB2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:HB3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:HE1	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:HE2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:HE3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:HG2	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:HG3	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:N	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:O	10	1.84	0.08	1.83
(1,35)	2:D:134:PHE:O	1:C:142:MET:SD	10	1.84	0.08	1.83
(1,4)	1:A:98:LEU:C	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:CB	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:C	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:HG2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:C	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HZ2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:C	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:C	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:C	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:89:GLU:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:C	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:C	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:HG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CA	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:C	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HG12	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CA	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:N	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CA	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:NE2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CA	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CA	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:N	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:CD	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HD3	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:50:GLN:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:CE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CB	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:CA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:HD2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:CB	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:CD1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:HD1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD1	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:O	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:CG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:HE22	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:84:CYS:SG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:CA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:HG3	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CD2	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:CZ	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:C	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:CA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:N	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:HZ	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:CE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:CG	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:CB	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:H	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:HA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:H	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:47:ILE:O	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:H	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:CG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:H	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:HA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:H	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:HE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:H	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:CG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:H	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:H	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:CB	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:HG2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HZ2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HA	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HA	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:HG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:C	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HG12	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB2	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:N	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB2	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:NE2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB2	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB2	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:N	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:CD	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HD3	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:50:GLN:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:CE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HB3	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:CA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:HD2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:CB	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:CD1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:HD1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD11	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:O	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:CG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:HE22	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:84:CYS:SG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:CA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:HG3	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD12	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:CZ	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:C	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:CA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:N	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:HZ	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:CE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD13	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:CB	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:HA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:47:ILE:O	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:CG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:HA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:HE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:CG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD21	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:CB	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:HG2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HZ2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD22	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD22	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:HG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:C	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HG12	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD23	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:N	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD23	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:NE2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HD23	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HD23	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:N	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:CD	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HD3	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:50:GLN:OE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:CE1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:HG	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:CA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:N	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:HD2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:N	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:H	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:N	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:HE22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:CB	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:N	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:84:CYS:SG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:CD1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:N	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:HD1	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:N	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:N	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:41:SER:OG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:HB2	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:O	2:B:42:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:42:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:43:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:O	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:O	2:B:45:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:45:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:46:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:CG1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:CG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HD11	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HD12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HD13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HG12	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HG13	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HG21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HG22	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:HG23	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:47:ILE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:CE	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:CG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:O	2:B:48:LYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HD3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HE3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HZ1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HZ2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:HZ3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:NZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:48:LYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:49:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:HE21	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:HE22	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:O	2:B:50:GLN:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:50:GLN:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:51:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:HB1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:83:ALA:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:HG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:84:CYS:SG	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:O	2:B:87:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:87:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:CD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:CE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:CZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:HZ	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:88:PHE:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:CA	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:O	2:B:89:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:HG3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:89:GLU:OE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:CD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:CE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:HD1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:HD2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:HE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:HE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:ND1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:NE2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:90:HIS:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:C	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:CA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:CB	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:CD	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:CG	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:H	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:HA	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:HB2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:HB3	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:HG2	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:HG3	10	1.82	0.11	1.85

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,4)	1:A:98:LEU:O	2:B:91:GLU:N	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:O	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:OE1	10	1.82	0.11	1.85
(1,4)	1:A:98:LEU:O	2:B:91:GLU:OE2	10	1.82	0.11	1.85
(1,31)	1:C:133:GLY:C	2:D:132:SER:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:132:SER:OG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:133:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:CZ	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:C	2:D:134:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:134:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:136:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:137:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:C	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:C	2:D:138:ILE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:CG1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:CG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HD11	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HD12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HD13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HG12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HG13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HG21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HG22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:HG23	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:138:ILE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:140:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:HB3	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:C	2:D:141:GLN:HE21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:HE22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:141:GLN:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:142:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:OD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:145:ASP:OD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:CE	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:H	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HD3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HE3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HZ1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HZ2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:HZ3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:NZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:146:LYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:HB1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:174:ALA:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:175:CYS:SG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:CE1	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:C	2:D:178:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:178:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:179:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:HB2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:C	2:D:180:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:180:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:181:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:C	2:D:182:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:CA	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:CA	2:D:132:SER:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:132:SER:OG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:133:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:HD2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:134:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:136:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:137:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:CG1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:CG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:H	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HD11	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HD12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HD13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HG12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HG13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HG21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HG22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:HG23	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:138:ILE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:140:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:HE21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:HE22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:NE2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:141:GLN:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:142:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:OD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:145:ASP:OD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:CE	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HD3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HE2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HE3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HZ1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HZ2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:HZ3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:NZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:146:LYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:HB1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:174:ALA:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:175:CYS:SG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:HB2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:178:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:179:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:OE1	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:CA	2:D:180:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:181:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:CA	2:D:182:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:HG	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:H	2:D:132:SER:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:132:SER:OG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:133:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:134:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:C	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:H	2:D:136:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:136:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:137:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:CG1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:CG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HD11	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HD12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HD13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HG12	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HG13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HG21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HG22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:HG23	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:138:ILE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:140:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:HE21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:HE22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:141:GLN:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:CD	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:H	2:D:142:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:142:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:OD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:145:ASP:OD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:CE	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HD3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HE3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HZ1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HZ2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:HZ3	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:H	2:D:146:LYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:NZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:146:LYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:HB1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:174:ALA:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:175:CYS:SG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:HZ	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:H	2:D:178:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:178:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:179:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:180:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:CE1	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:H	2:D:181:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:181:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:H	2:D:182:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:132:SER:OG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:CB	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:133:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:134:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:HA	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:136:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:137:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:CG1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:CG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HD11	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HD12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HD13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HG12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HG13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HG21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HG22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:HG23	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:138:ILE:O	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:140:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:HE21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:HE22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:141:GLN:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:HG2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:142:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:OD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:145:ASP:OD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:CE	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HD3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HE3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HZ1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HZ2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:HZ3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:NZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:146:LYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:CB	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:HB1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:174:ALA:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:175:CYS:SG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:178:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:CD1	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:179:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:180:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:HD1	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:181:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA2	2:D:182:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:132:SER:OG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:HB2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:133:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:134:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:O	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:136:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:137:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:CG1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:CG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HD11	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HD12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HD13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HG12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HG13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HG21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HG22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:HG23	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:138:ILE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:H	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:140:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:HE21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:HE22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:141:GLN:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:142:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:C	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:OD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:145:ASP:OD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:CE	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HD3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HE3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HZ1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HZ2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:HZ3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:NZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:146:LYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:HB1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:N	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA3	2:D:174:ALA:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:175:CYS:SG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:178:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:H	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:179:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:180:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:NE2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:HA3	2:D:181:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:HA3	2:D:182:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:132:SER:OG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:N	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:N	2:D:133:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:133:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:134:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:136:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:CD	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:N	2:D:137:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:137:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:CG1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:CG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HD11	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HD12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HD13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HG12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HG13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HG21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HG22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:HG23	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:138:ILE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:N	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:N	2:D:140:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:140:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:HE21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:HE22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:141:GLN:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:142:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:HB2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:N	2:D:145:ASP:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:OD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:145:ASP:OD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:CE	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HD3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HE3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HZ1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HZ2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:HZ3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:NZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:146:LYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:HB1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:174:ALA:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:HA	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:N	2:D:175:CYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:175:CYS:SG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:178:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:HE1	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:N	2:D:179:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:179:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:180:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:181:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:CG	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:N	2:D:182:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:N	2:D:182:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:132:SER:OG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:133:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:CB	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:O	2:D:134:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:134:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:136:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:HG2	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:O	2:D:137:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:137:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:CG1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:CG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HD11	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HD12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HD13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HG12	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HG13	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HG21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HG22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:HG23	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:138:ILE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:140:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:CB	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:O	2:D:141:GLN:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:HE21	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:HE22	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:141:GLN:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:142:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:OD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:145:ASP:OD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:C	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:O	2:D:146:LYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:CE	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HD3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HE3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HZ1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HZ2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:HZ3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:NZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:146:LYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:HB1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:174:ALA:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:HG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:175:CYS:SG	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:O	2:D:178:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:178:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:CD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:CE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:CZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:HZ	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:179:PHE:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:CA	10	1.62	0.22	1.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:O	2:D:180:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:HG3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:180:GLU:OE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:CD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:CE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:HD1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:HD2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:HE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:HE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:ND1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:NE2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:181:HIS:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:C	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:CA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:CB	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:CD	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:CG	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:H	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:HA	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:HB2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:HB3	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:HG2	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:HG3	10	1.62	0.22	1.58

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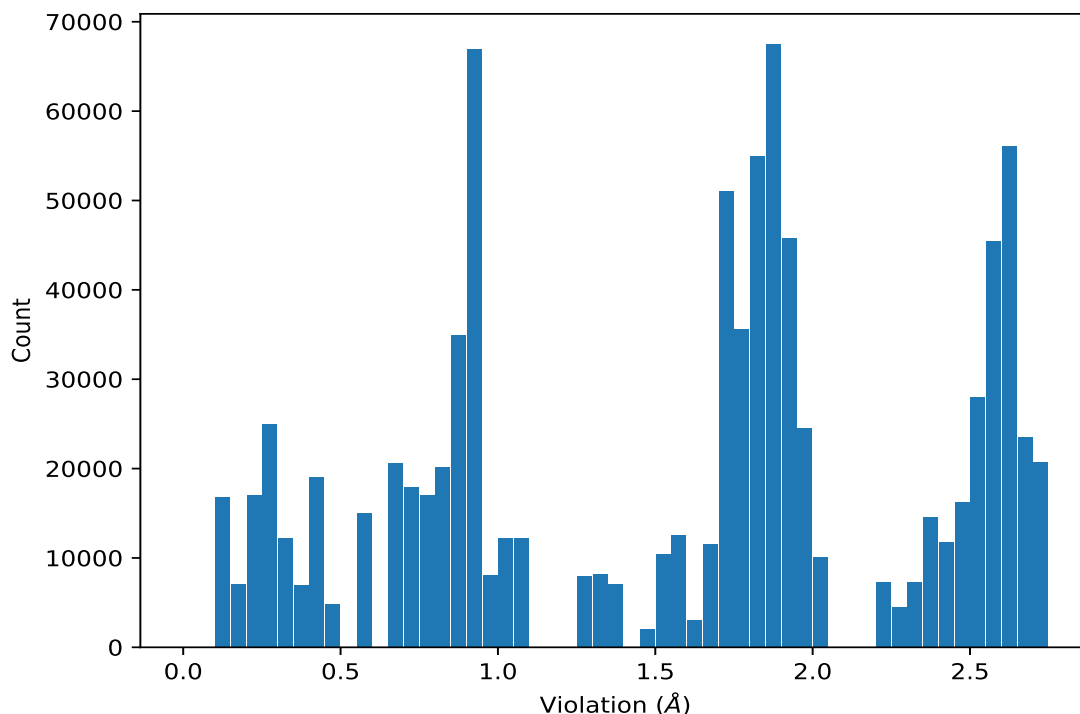
Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,31)	1:C:133:GLY:O	2:D:182:GLU:N	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:O	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:OE1	10	1.62	0.22	1.58
(1,31)	1:C:133:GLY:O	2:D:182:GLU:OE2	10	1.62	0.22	1.58
(1,27)	1:C:100:SER:C	2:D:132:SER:C	10	1.53	0.46	1.74

¹Number of violated models, ²Standard deviation

9.5 All violated distance restraints [i](#)

9.5.1 Histogram : Distribution of distance violations [i](#)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



9.5.2 Table : All distance violations [i](#)

The following table provides the 10 worst performing restraints, sorted by the violation value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HB3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CD1	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:125:LYS:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:C	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HG3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HH	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CE	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:CA	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HG2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:CA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:CB	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HB3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CD1	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HG3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HH	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CE	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HG2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:CA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:CG	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HB3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CD1	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:125:LYS:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:H	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HG3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HH	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CE	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:HA	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HG2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:CA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HB3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CD1	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HG3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HH	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CE	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HG2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:CA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HB3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CD1	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HG3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HH	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CE	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HG2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:133:GLY:CA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:N	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HB3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CD1	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HB2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HG3	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:O	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HH	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:C	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CE	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:SD	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:22:ARG:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:24:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:25:CYS:SG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HG2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:26:LYS:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:27:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:28:GLY:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:28:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:28:GLY:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:28:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:28:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:28:GLY:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:28:GLY:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD21	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:98:LEU:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CD	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HG2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HG3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:OE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:99:GLU:OE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:HG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:100:SER:OG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:N	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:101:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:101:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:102:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:103:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CG	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:104:ASN:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HD21	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HD22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:ND2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:104:ASN:OD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:115:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CD	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HD3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HE	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HG2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HG3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH11	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH12	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH21	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NE	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NH1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NH2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:120:ARG:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HH	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:124:TYR:OH	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:125:LYS:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:126:LEU:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:127:GLY:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:127:GLY:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:127:GLY:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:127:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:127:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:127:GLY:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:127:GLY:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:133:GLY:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:133:GLY:CA	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:133:GLY:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:133:GLY:HA2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:133:GLY:HA3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:133:GLY:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:133:GLY:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CD	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CE	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HD3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HE3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HG2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HG3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:NZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:135:LYS:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HD2	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HZ	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:139:PHE:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CD1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CD2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD11	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD12	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD13	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD21	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD22	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD23	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:140:LEU:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:C	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:CA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:CB	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:CE	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:CG	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:H	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:HA	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:HB2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:HB3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE1	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:HG2	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:HG3	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:N	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:O	3	2.72
(1,34)	2:D:133:HIS:O	1:C:142:MET:SD	3	2.72
(1,33)	2:D:132:SER:C	1:C:22:ARG:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB3	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:HG	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD1	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HH	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:O	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:CE	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG3	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:O	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:HG	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HH	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD21	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:CE	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD21	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:HG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CG	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HH	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:CA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:CE	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB3	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:HG	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD1	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HH	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:O	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:CE	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG3	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:O	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:HG	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HH	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD21	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:CE	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD21	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CG	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:CA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CE	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB3	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD1	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:O	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CE	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG3	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:O	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:HG	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HH	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD21	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:CE	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD21	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:HG	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:CG	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HH	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:CA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:CE	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB3	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:HG	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:N	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD1	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HH	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:O	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:CE	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CD	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HE	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG3	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NE	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HH	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:OH	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:SG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CD	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CE	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:O	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:98:LEU:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CD	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:HG	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:100:SER:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:OG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HA	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HH	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:OH	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD21	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:ND2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:OD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HH	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:115:TYR:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:OH	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CD	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HE	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH11	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH12	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH21	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NE	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD2	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HH	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:OH	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CD	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CE	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD21	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CD	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CE	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:NZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:C	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HZ	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD11	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD12	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD13	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD21	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD22	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD23	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:C	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:CA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:CB	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:CE	7	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:142:MET:CG	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:H	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HA	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE1	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG2	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG3	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:N	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:O	7	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:SD	7	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:C	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:28:GLY:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:HG	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:CG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:HH	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:C	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:125:LYS:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:CA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:CE	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:C	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:28:GLY:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:HG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD1	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HH	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:125:LYS:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:CE	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:CA	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:28:GLY:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:HG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HH	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:125:LYS:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:CE	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:CB	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:H	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:28:GLY:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:HG	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:CG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:HH	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:H	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:125:LYS:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:CA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:CE	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:H	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:28:GLY:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:HG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD1	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:125:LYS:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:CE	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:HA	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HH	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CE	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:HB2	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:CA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CE	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:HB3	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:28:GLY:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:HG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD1	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:125:LYS:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:CE	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:HG	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:N	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:28:GLY:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:HG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:HH	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:N	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:125:LYS:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:CE	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:N	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:O	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:28:GLY:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:HG	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:CG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:HH	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:O	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:125:LYS:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:CA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:CE	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:O	1:C:142:MET:SD	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CD	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HE	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NE	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:22:ARG:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HH	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:24:TYR:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:24:TYR:OH	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:25:CYS:SG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CD	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CE	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:26:LYS:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:27:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:28:GLY:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:98:LEU:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CD	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:HG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:100:SER:OG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:101:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:102:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:102:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HH	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:103:TYR:OH	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:ND2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:104:ASN:OD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD1	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HH	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:115:TYR:OH	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CD	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HE	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH11	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH12	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NE	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:120:ARG:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HH	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:124:TYR:OH	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CD	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CE	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:125:LYS:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:126:LEU:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:126:LEU:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:127:GLY:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:133:GLY:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CD	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CE	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:NZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:135:LYS:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HZ	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:139:PHE:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD11	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD12	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD13	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD21	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD22	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD23	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:140:LEU:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:C	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:CA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:CB	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:CE	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:CG	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:H	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HA	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE1	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG2	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG3	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:N	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:O	8	2.7
(1,33)	2:D:132:SER:OG	1:C:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HG3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:C	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:C	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:28:GLY:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:HG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:HH	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:C	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:125:LYS:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:C	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:C	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:133:GLY:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:C	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:C	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:HD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:CE	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:C	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HG2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:28:GLY:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:HG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HH	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:125:LYS:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:133:GLY:CA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:CE	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:CA	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:28:GLY:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HB3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:HG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CD1	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HH	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:125:LYS:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:133:GLY:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:CE	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:CB	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HG3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:H	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:H	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:H	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:28:GLY:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:HG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:HH	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:H	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:125:LYS:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:H	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:H	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:133:GLY:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:H	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:H	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:HD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:CE	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:H	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HG2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:28:GLY:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:HG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:125:LYS:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:133:GLY:CA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:CE	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:HA	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HB3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CD1	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CE	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:HB2	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HG3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HH	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CE	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:HB3	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HG2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:28:GLY:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:HG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:125:LYS:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:133:GLY:CA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:CE	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:HG	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:N	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:N	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:N	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:28:GLY:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:HB3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:HG	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:CD1	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:HH	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:N	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:125:LYS:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:N	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:N	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:133:GLY:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:N	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:N	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:HD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HB2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:CE	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:N	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HG3	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:O	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:O	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:O	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:28:GLY:O	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:HG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:HH	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:O	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:125:LYS:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:O	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:O	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:133:GLY:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:O	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:O	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:C	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:HD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:CE	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:O	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CD	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HE	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NE	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:22:ARG:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HH	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:24:TYR:OH	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:25:CYS:SG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CD	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CE	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HG2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:26:LYS:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:27:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:28:GLY:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:28:GLY:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:28:GLY:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:28:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:28:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:28:GLY:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:28:GLY:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD21	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:98:LEU:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CD	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HG2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HG3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:OE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:99:GLU:OE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:HG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:100:SER:OG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:N	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:101:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:101:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:102:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HH	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:103:TYR:OH	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CG	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:104:ASN:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HD21	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HD22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:ND2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:104:ASN:OD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HH	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:115:TYR:OH	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CD	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HD3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HE	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HG2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HG3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH11	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH12	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH21	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NE	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NH1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NH2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:120:ARG:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HH	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:124:TYR:OH	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CD	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CE	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:125:LYS:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:126:LEU:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:127:GLY:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:127:GLY:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:127:GLY:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:127:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:127:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:127:GLY:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:127:GLY:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:133:GLY:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:133:GLY:CA	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:133:GLY:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:133:GLY:HA2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:133:GLY:HA3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:133:GLY:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:133:GLY:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CD	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CE	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HD3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HE3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HG2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HG3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:NZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:135:LYS:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HD2	8	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HZ	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:139:PHE:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CD1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CD2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD11	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD12	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD13	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD21	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD22	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD23	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:140:LEU:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:C	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:CA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:CB	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:CE	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:CG	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:H	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:HA	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:HB2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:HB3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE1	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:HG2	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:HG3	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:N	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:O	8	2.7
(1,11)	2:B:41:SER:OG	1:A:142:MET:SD	8	2.7
(1,11)	2:B:41:SER:C	1:A:22:ARG:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:C	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:C	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:C	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:28:GLY:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:HG	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:CD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:HH	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:C	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:125:LYS:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:C	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:C	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:133:GLY:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:C	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:C	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:HD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:C	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:CE	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:C	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HG3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:28:GLY:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:HG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:HH	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:125:LYS:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD21	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:133:GLY:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:CE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CA	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:CA	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HG2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:28:GLY:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD21	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:HG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:CG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:HH	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:125:LYS:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:133:GLY:CA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:CE	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:CB	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:H	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:H	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:H	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:28:GLY:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:HG	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:CD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:HH	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:H	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:125:LYS:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:H	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:H	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:133:GLY:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:H	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:H	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:HD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:H	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:CE	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:H	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HG3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:28:GLY:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:HG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:HH	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:125:LYS:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD21	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:133:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:CE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HA	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:HA	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HG2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:28:GLY:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD21	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:HG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:CG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:125:LYS:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:CA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CE	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:HB2	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:28:GLY:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:HG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:125:LYS:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CE	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:HB3	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HG3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:28:GLY:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:HG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:HH	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:125:LYS:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD21	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:133:GLY:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:CE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:HG	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:HG	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:N	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:CD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HG2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:N	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:N	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:28:GLY:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD21	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:HG	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:CG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:HH	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:N	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:125:LYS:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:N	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:N	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:133:GLY:CA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:N	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:N	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:N	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:CE	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:N	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:O	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:O	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:O	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:28:GLY:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:HG	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:CD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:HH	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:O	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:125:LYS:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:O	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:O	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:133:GLY:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:O	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:O	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:HD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HB2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:O	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:CE	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:O	1:A:142:MET:SD	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CD	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HE	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HG3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NE	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:22:ARG:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:HH	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:24:TYR:OH	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:HG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:25:CYS:SG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CD	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CE	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:26:LYS:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:27:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:28:GLY:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:28:GLY:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:28:GLY:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:28:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:28:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:28:GLY:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:28:GLY:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:98:LEU:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:HG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:98:LEU:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CD	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HG2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:HG3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:OE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:99:GLU:OE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:HG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:100:SER:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:100:SER:OG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:101:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:102:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:HH	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:103:TYR:OH	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HD21	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:HD22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:ND2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:104:ASN:OD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:HH	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:115:TYR:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:115:TYR:OH	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CD	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:CZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HD3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HE	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HG2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HG3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH11	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH12	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH21	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:HH22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NE	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NH1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:NH2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:120:ARG:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:CZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:HH	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:124:TYR:OH	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CD	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CE	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:125:LYS:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD21	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:HG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:126:LEU:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:127:GLY:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:127:GLY:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:127:GLY:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:127:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:127:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:127:GLY:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:127:GLY:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:133:GLY:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:133:GLY:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:133:GLY:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:133:GLY:HA2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:133:GLY:HA3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:133:GLY:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:133:GLY:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CD	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CE	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HD3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HE3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HG2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HG3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:HZ3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:NZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:135:LYS:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:CZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:HZ	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:139:PHE:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CD1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CD2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD11	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD12	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD13	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD21	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD22	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HD23	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:HG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:140:LEU:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:C	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:CA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:CB	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:CE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:41:SER:OG	1:A:142:MET:CG	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:H	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:HA	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:HB2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:HB3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE1	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:HE3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:HG2	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:HG3	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:N	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:O	9	2.67
(1,11)	2:B:41:SER:OG	1:A:142:MET:SD	9	2.67
(1,34)	2:D:133:HIS:C	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HG2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:CG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:133:GLY:CA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:C	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HB3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CD1	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:125:LYS:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:CA	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HG3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:28:GLY:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:HG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:HH	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CE	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CB	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:CB	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HG2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:CG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:CA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:CD2	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HB3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CD1	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:125:LYS:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:CE1	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HG3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:28:GLY:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:HG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:HH	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CE	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:CG	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:CG	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HG2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:CG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:133:GLY:CA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:H	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HB3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CD1	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:125:LYS:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:HA	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HG3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:28:GLY:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:HG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:HH	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CE	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:HB2	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HG2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:CG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:CA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:HB3	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HB3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CD1	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:125:LYS:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:HD1	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HG3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:28:GLY:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:HG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:HH	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CE	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:HD2	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HG2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:CG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:CA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:HE1	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HB3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CD1	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:125:LYS:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:HE2	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HG3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:28:GLY:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:HG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:HH	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:CE	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:N	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:N	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HG2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:CG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:CA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:ND1	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:28:GLY:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HB3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:HG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:N	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CD1	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:125:LYS:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HB2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CE	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:NE2	1:C:142:MET:SD	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HG3	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:22:ARG:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:24:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:HG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:25:CYS:SG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:26:LYS:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:27:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:28:GLY:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:28:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:28:GLY:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:28:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:28:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:28:GLY:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:28:GLY:O	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:98:LEU:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:98:LEU:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CD	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HG2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:HG3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:OE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:99:GLU:OE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:HG	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:100:SER:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:100:SER:OG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:101:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:102:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HA	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:103:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HD21	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:HD22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:ND2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:104:ASN:OD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:HH	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:115:TYR:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:115:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CD	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:CZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HD3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HE	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HG2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HG3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH11	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH12	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH21	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:HH22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NE	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NH1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:NH2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:120:ARG:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:CZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HD2	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:HH	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:124:TYR:OH	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:125:LYS:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD21	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:126:LEU:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:127:GLY:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:127:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:127:GLY:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:127:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:127:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:127:GLY:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:127:GLY:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:133:GLY:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:133:GLY:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:133:GLY:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:133:GLY:HA2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:133:GLY:HA3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:133:GLY:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:133:GLY:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CD	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CE	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HD3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HE3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HG2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HG3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:HZ3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:NZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:135:LYS:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:C	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:CZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:HZ	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:139:PHE:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CD1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CD2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD11	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD12	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD13	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD21	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD22	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HD23	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:HG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:140:LEU:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:C	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:CA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:CB	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:CE	6	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	2:D:133:HIS:O	1:C:142:MET:CG	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:H	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:HA	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:HB2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:HB3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE1	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:HE3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:HG2	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:HG3	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:N	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:O	6	2.66
(1,34)	2:D:133:HIS:O	1:C:142:MET:SD	6	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:C	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:28:GLY:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD21	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:HG	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:CG	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:HH	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:C	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:125:LYS:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:C	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:133:GLY:CA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:C	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:CE	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:C	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:28:GLY:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB3	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:HG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD1	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HH	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:125:LYS:O	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:133:GLY:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:CE	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:CA	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG3	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:28:GLY:O	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:HG	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HH	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:125:LYS:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD21	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:133:GLY:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:CE	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:CB	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:H	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:H	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:28:GLY:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD21	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:HG	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:CG	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:HH	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:H	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:125:LYS:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:H	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:133:GLY:CA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:H	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:CE	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:H	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:28:GLY:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB3	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:HG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD1	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:125:LYS:O	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:133:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:CE	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:HA	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG3	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:O	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HG	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HH	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD21	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CE	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:HB2	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD21	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CG	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:CA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CE	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:HB3	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:28:GLY:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB3	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:HG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD1	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:125:LYS:O	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:133:GLY:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:CE	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:HG	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG3	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:N	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:N	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:28:GLY:O	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:HG	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:HA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:HH	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:N	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:125:LYS:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD21	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:N	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:133:GLY:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:N	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:CE	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:N	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:O	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:O	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:28:GLY:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD21	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:HG	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:CG	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:HH	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:O	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:125:LYS:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:O	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:133:GLY:CA	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:O	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:CE	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:O	1:C:142:MET:SD	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CD	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HE	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NE	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:22:ARG:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HH	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:24:TYR:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:24:TYR:OH	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:25:CYS:SG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CD	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CE	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:26:LYS:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:27:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:28:GLY:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:28:GLY:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:28:GLY:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:28:GLY:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:28:GLY:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:98:LEU:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CD	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB3	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:HG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:100:SER:OG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:101:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:N	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:102:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:102:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HH	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:103:TYR:OH	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:ND2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:104:ASN:OD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD1	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HH	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:115:TYR:OH	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CD	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HE	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH11	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH12	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NE	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:120:ARG:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:C	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HH	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:124:TYR:OH	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CD	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CE	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:125:LYS:O	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:126:LEU:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:126:LEU:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:127:GLY:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:127:GLY:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:127:GLY:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:127:GLY:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:127:GLY:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:133:GLY:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:133:GLY:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:133:GLY:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:133:GLY:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:133:GLY:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CD	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CE	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:NZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:135:LYS:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HZ	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:139:PHE:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD11	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD12	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD13	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD21	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD22	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD23	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:140:LEU:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:C	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:CA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:CB	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:CE	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:CG	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:H	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:HA	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE1	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG2	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG3	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:N	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:O	3	2.66
(1,33)	2:D:132:SER:OG	1:C:142:MET:SD	3	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HG3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:28:GLY:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:HG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:HH	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:CE	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:C	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:C	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HG2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:CG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:CA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:CA	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HB3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CD1	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:125:LYS:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:CB	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HG3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:28:GLY:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:HG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:HH	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:CE	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:CD2	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HG2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:CG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:CA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:CE1	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HB3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CD1	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:125:LYS:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:CG	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HG3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:28:GLY:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:HG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:HH	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:CE	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:H	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:H	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HG2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:CG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:CA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:HA	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HB3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CD1	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:125:LYS:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:HB2	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HG3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:28:GLY:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:HG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:HH	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:CE	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:HB3	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HG2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:CG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:CA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:HD1	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HB3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CD1	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:125:LYS:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:HD2	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HG3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:28:GLY:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:HG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:HH	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:CE	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:HE1	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HG2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:CG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:CA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:HE2	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HB3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CD1	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:125:LYS:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:N	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HG3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:28:GLY:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:HG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:HH	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:CE	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:ND1	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HG2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD21	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:CG	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:125:LYS:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:CA	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HD2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:NE2	1:A:142:MET:SD	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:22:ARG:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:24:TYR:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:24:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:HG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:25:CYS:SG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:26:LYS:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:27:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:28:GLY:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:28:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:28:GLY:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:28:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:28:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:28:GLY:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:28:GLY:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:98:LEU:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:CD	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HB3	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HG2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:HG3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:OE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:99:GLU:OE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:HG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:100:SER:OG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:101:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:N	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:102:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:102:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:103:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HD21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:HD22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:ND2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:104:ASN:OD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CD1	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:115:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CD	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:CZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HD3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HE	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HG2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HG3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HH11	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HH12	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HH21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:HH22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:NE	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:NH1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:NH2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:120:ARG:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:C	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:CZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:HH	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:124:TYR:OH	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:125:LYS:O	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:126:LEU:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:126:LEU:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:127:GLY:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:127:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:127:GLY:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:127:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:127:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:127:GLY:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:127:GLY:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:133:GLY:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:133:GLY:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:133:GLY:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:133:GLY:HA2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:133:GLY:HA3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:133:GLY:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:133:GLY:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CD	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CE	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HD3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HE3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HG2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HG3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HZ1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HZ2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:HZ3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:NZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:135:LYS:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:CZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:HZ	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:139:PHE:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CD1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CD2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HB2	9	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD11	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD12	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD13	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD21	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD22	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HD23	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:HG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:140:LEU:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:C	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:CA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:CB	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:CE	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:CG	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:H	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:HA	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:HB2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:HB3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:HE1	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:HE2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:HE3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:HG2	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:HG3	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:N	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:O	9	2.66
(1,12)	2:B:42:HIS:O	1:A:142:MET:SD	9	2.66
(1,33)	2:D:132:SER:C	1:C:22:ARG:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HG3	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:C	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:C	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:28:GLY:O	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:HG	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:HA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:HH	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:C	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:125:LYS:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD21	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:C	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:C	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:133:GLY:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:C	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:C	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:HD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:CE	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:C	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:C	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:28:GLY:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD21	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:HG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:CG	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:HH	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:125:LYS:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:133:GLY:CA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:CE	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:CA	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:28:GLY:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HB3	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:HG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD1	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:HH	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:125:LYS:O	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:133:GLY:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:CE	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:CB	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HG3	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:H	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:H	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:H	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:28:GLY:O	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:HG	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:HA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:HH	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:H	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:125:LYS:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD21	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:H	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:H	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:133:GLY:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:H	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:H	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:HD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:CE	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:H	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:H	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:28:GLY:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD21	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:HG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:CG	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:125:LYS:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:133:GLY:CA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:CE	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:HA	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:28:GLY:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HB3	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:HG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD1	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:125:LYS:O	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CE	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:HB2	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HG3	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:28:GLY:O	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:HG	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:HH	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:125:LYS:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD21	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CE	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HB3	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:HB3	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:28:GLY:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD21	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:HG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:CG	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:125:LYS:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:133:GLY:CA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:CE	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:HG	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:N	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:N	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:N	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:28:GLY:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:HB3	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:HG	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD1	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:HH	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:N	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:125:LYS:O	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:N	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:N	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:133:GLY:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:N	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:N	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:HD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:N	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:CE	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:N	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HG3	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:O	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:O	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:O	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:28:GLY:O	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:HG	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:HA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:HH	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:O	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:125:LYS:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD21	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:O	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:O	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:133:GLY:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:O	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:O	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:C	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:HD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:CE	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:O	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:O	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CD	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HE	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NE	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:22:ARG:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:HH	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:24:TYR:OH	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:HG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:25:CYS:SG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CD	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CE	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:26:LYS:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:27:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:28:GLY:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:28:GLY:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:28:GLY:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:28:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:28:GLY:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:28:GLY:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD21	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:HG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:98:LEU:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CD	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:HG3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:99:GLU:OE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:HG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:100:SER:OG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:N	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:101:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:101:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:102:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:HH	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:103:TYR:OH	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:CG	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:104:ASN:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD21	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:HD22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:ND2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:104:ASN:OD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:HH	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:115:TYR:OH	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CD	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:CZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HD3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HE	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HG3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH11	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH12	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH21	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:HH22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NE	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:NH2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:120:ARG:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:CZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:HH	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:124:TYR:OH	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CD	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CE	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:125:LYS:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:HG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:126:LEU:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:127:GLY:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:127:GLY:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:127:GLY:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:127:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:127:GLY:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:127:GLY:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:133:GLY:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:133:GLY:CA	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:133:GLY:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:133:GLY:HA3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:133:GLY:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:133:GLY:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CD	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CE	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HD3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HE3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HG3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:HZ3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:NZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:135:LYS:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:CZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HD2	6	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:HZ	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:139:PHE:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CD2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD11	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD12	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD13	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD21	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD22	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HD23	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:HG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:140:LEU:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:C	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:CA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:CB	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:CE	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:CG	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:H	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:HA	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:HB3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE1	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:HE3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG2	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:HG3	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:N	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:O	6	2.65
(1,33)	2:D:132:SER:OG	1:C:142:MET:SD	6	2.65
(1,33)	2:D:132:SER:C	1:C:22:ARG:C	10	2.65

10 Dihedral-angle violation analysis

No dihedral-angle restraints found